

300		3/97	313	312
		71TY CHECK ETC.		WORK NAME  MANAGEMENT NO.
	PART NAME	QUANTITY	NOTE/STANDARD ETC	APPROVE
F1G. 3	TITY PART NUMBER	XILIARY MATERIAL	No.	RSON IN CHARGE
305	PART NAME QUANTITY 304 305	TOOL / TREATMENT DEVICE / AUXILIARY MATERIAI	WORK PROCEDURE 310	REVISION NUMBER CONTENTS OF REVISION DATE   PERSON IN CHARGE  01 CREATED 1997/09/25
WORK STANDARD 01 CREATION 301 APPLIED	PART NUMBER   303		309 No.	311 CF CC O1 CF

- 211

FIG. 4

STRUCTURE OF MASTER FILE

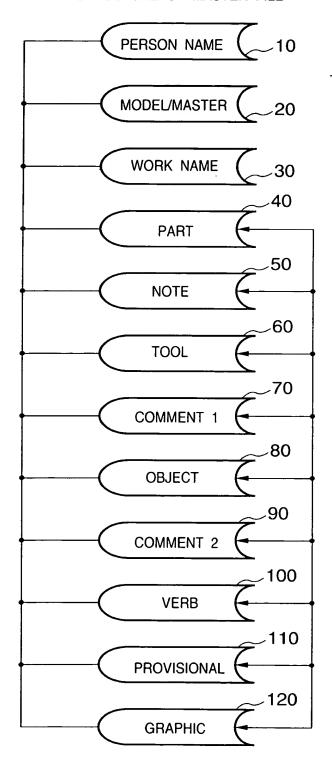
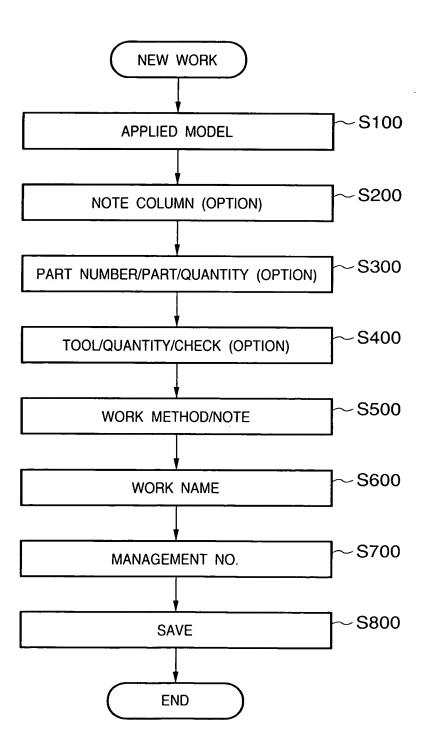


FIG. 5



SELECTION OF APPLIED MODEL
LIST OF APPLIED MODELS
BJC-4200 SYSTEM
BJC-420J
BJC-420J (BLACK)
BJC-4300
BJC-430J
BJC-4200LX
A250 II Q
BJC-4200
OK CANCEL

7 9 1

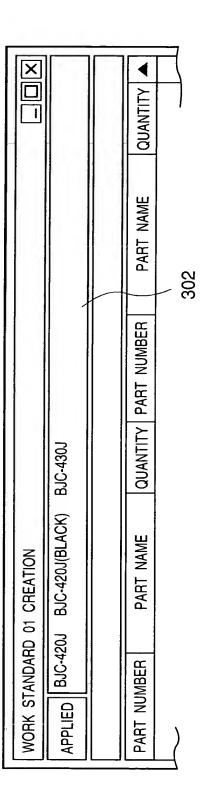


FIG. 8

PART NUMBER	PART NAME	QUANTITY	PART NUMBER
· PA	RT		
000 - 0000 - 001	PART 001		<u> </u>
000 - 0000 - 002	PART 002		
000 - 0000 - 003	PART 003		
001 - 0000 - 001	PART 101		
001 - 0000 - 002	PART 102		
111 - 1111 - 001	PART 001		
A01 - 1234 - 001	TEST PART 0001		₩

•	WOF	₹K	NA	ME
---	-----	----	----	----

GE \_\_\_

CANDIDATES

原稿(GENKO)ガラス保護紙セット(SET ORIGINAL GLASS PROTECTIVE SHEET)

現像(GENZOU)レール戻しバネ掛け(HOOK DEVELOPING RAIL RETURN SPRING)

現像(GENZOU)レール戻しバネ掛け(後)(HOOK DEVELOPING RAIL RETURN SPRING(AFTER))

原稿(GENKOU)台ガラスセット(SET ORIGINAL GLASS TABLE)

原稿(GENKOU)台保護紙セット(SET ORIGINAL TABLE PROTECTIVE SHEET)

現像機(GENZOUKI)トナーなしチェック(CHECK NO TONER IN DEVELOPER)

現像機(GENZOUKI)エラーチェック(CHECK ERROR IN DEVELOPER)

現像機(GENZOUKI)ロック(LOCK DEVELOPER)

WORK NAME

現像(GENZOU) \_\_\_

• CANDIDATES

現像(GENZOU)レール戻しバネ掛け(HOOK DEVELOPING RAIL RETURN SPRING)

現像(GENZOU)レール戻しバネ掛け(後)(HOOK DEVELOPING RAIL RETURN SPRING(AFTER))

現像機(GENZOUKI)トナーなしチェック(CHECK NO TONER IN DEVELOPER)

現像機(GENZOUKI)エラーチェック(CHECK ERROR IN DEVELOPER)

現像機(GENZOUKI)ロック(LOCK DEVELOPER)

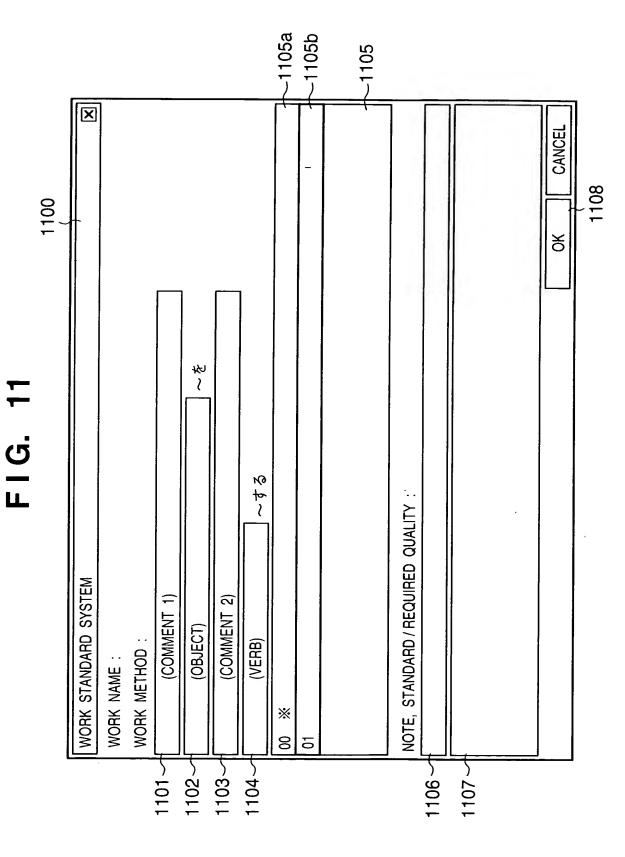
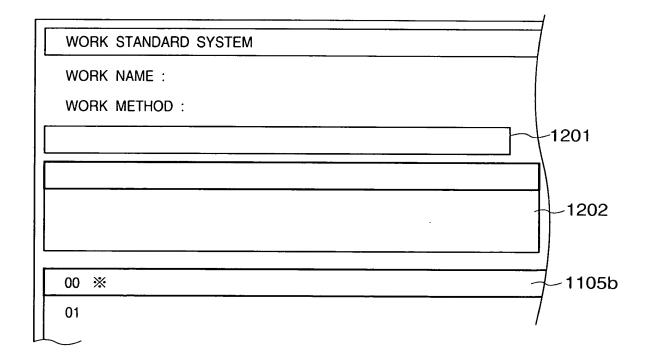


FIG. 12



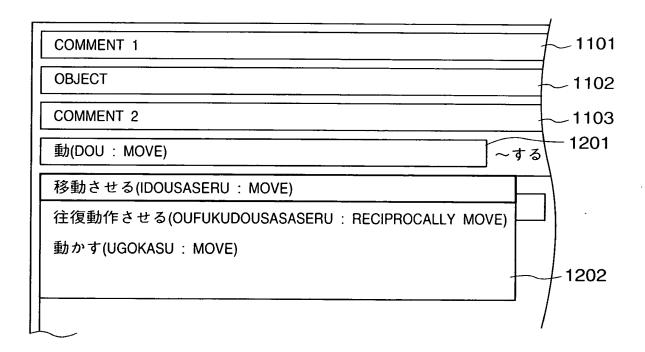
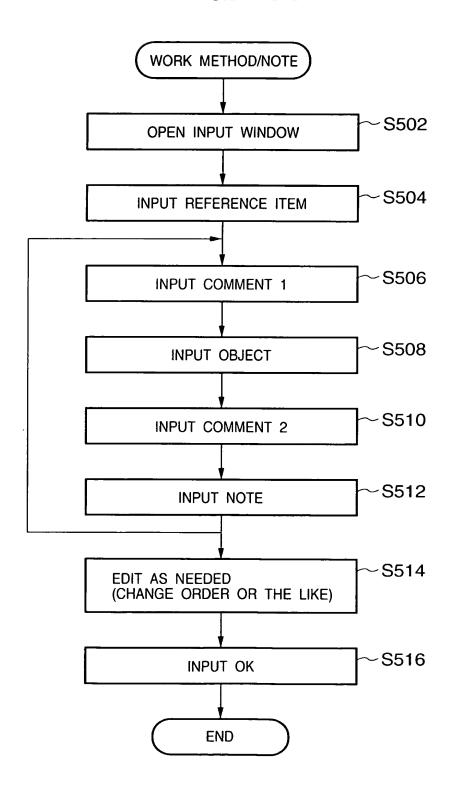
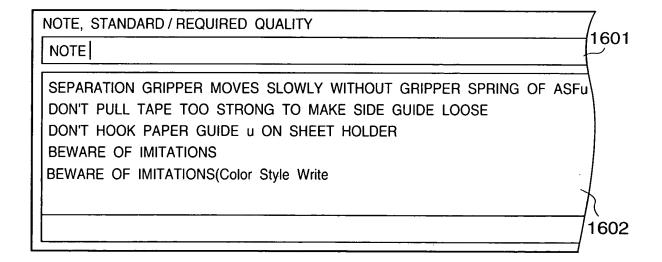
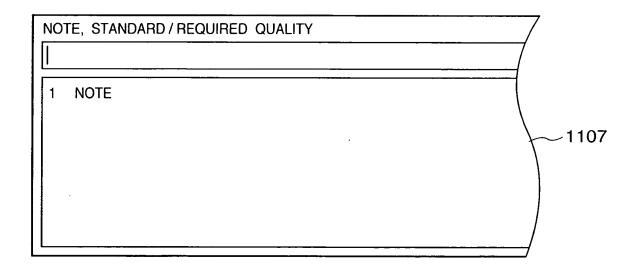


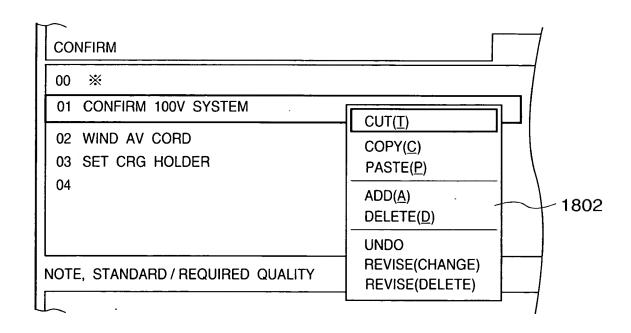
FIG. 14



00	*	1
01	DO zzzz SUCH THAT xxxx AT wwww POSITION BECOMES yyyy	 
02	WIND AV CORD	!
03	CONFIRM 100V SYSTEM	   
04	SET CRG HOLDER	

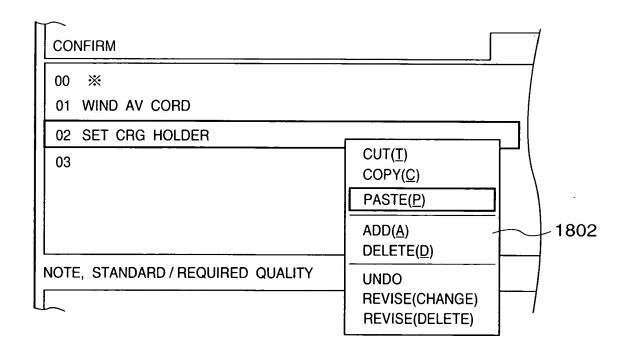






CONFIRM	~する
00 ※ 01 WIND AV CORD	
02 CONFIRM 100V SYSTEM	
03 SET CRG HOLDER 04	
NOTE, STANDARD/REQUIRED QUAL	LITY

FIG. 20



WORK STANDARD	SYSTEM	Λ /
WORK STANDARD	)( <u>F)</u> EDI	T( <u>E</u> ) ILLUSTRATION( <u>I</u> ) SHIPMENT DESTINATION
CREATE( <u>N</u> ) OPEN( <u>O</u> ) CLOSE( <u>C</u> ) CLOSE ALL	Ctrl + N Ctrl + O	DESTINATION
SAVE( <u>S</u> )	Ctrl + S	
SAVE REVISE( <u>A</u> )	Ctrl + A	
SAVE ALL		PART
DELETE( <u>D</u> )	<del>-</del>	
DELETE FROM LIS	ST	
PREVIEW( <u>V</u> )		
PRINT( <u>P</u> )	Ctrl + P	
PRINT FROM LIST		
END( <u>X</u> )		

FIG. 22

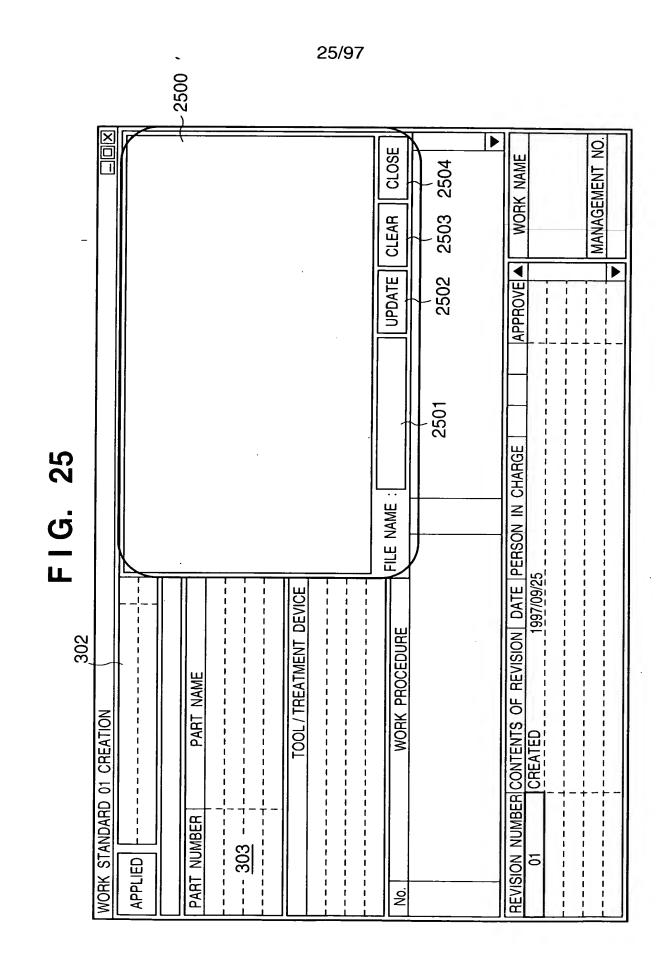
WORK STANDARI	O SYSTE	М				
WORK STANDARD	)( <u>F</u> ) ED	IT( <u>E</u> )	ILLI	JSTF	ATION	1( <u>1)</u>
CREATE(N)	Ctrl + N	781			+	
OPEN( <u>O</u> )	Ctrl + O					=
CLOSE(C)						
CLOSE ALL				_		=
SAVE( <u>S</u> )	Ctrl + S					1
SAVE REVISE(A)	Ctrl + A					=
SAVE ALL						
DELETE( <u>D</u> )						
DELETE FROM LIS	ST					
PREVIEW(V)						
PRINT( <u>P</u> )	Ctrl + P					
PRINT FROM LIST	<u> </u>	_				
END( <u>X</u> )						
		J				
Щ						′

FIG. 23

WORK STANDARD SYST	STEM				×
• LATEST REVISION N	N NUMBER O ALL				]
MANAGEMENT NO.	REVISION NUMBER	WORK NAME	DATE OF REGISTRATION	GISTRATION	
SO - 04 - 01(4) - E	01	ASFu取付	199	997/09/13	
SO - 01 - 01(3) - E	10	バース・トレーu取付	199	997/09/01	
SO-01-03-E	10	ベース・トレーu取付	199	1997/09/01	
SO - 01 - 04 - E	01	ベース・トレーu取付	199	1997/09/01	$\dashv$
		4自h III		$\left  \right $	F
SO - 06 - 01 - E	01	<b></b>		\	
SO - 06 - 02 - E	10	線処理	199	1997/09/01	
SO - 06 - 03 - E	10	線処理	199	1997/09/01	
SO - 07 - 01(2) - E	10	レールグリス塗布	199	1997/09/01	
SO - 08 - 01 - E	01	レール取付	199.	10/60//66	
					1
			ЖО	CANCEL	
					7
			- 000		
			2301		

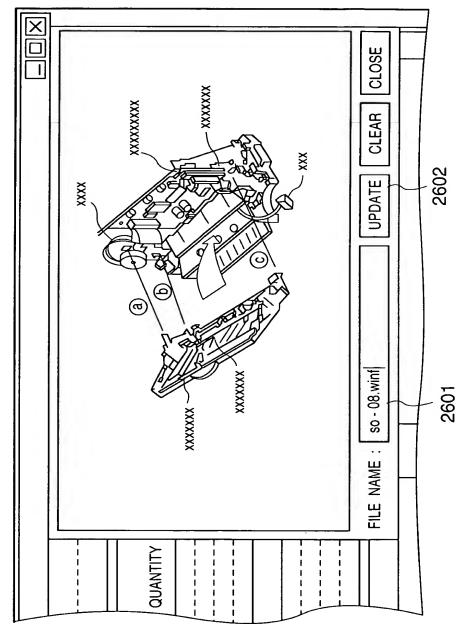
FIG. 24

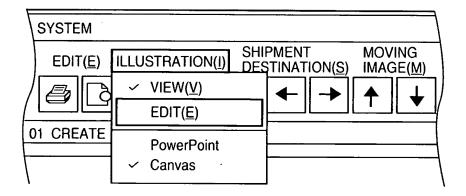
SYS	STE	М			-			
E	EDIT( <u>E</u> )		ILLUSTRATION( <u>I</u> )	SHIPMENT DESTINATION(S)				
//=	3	P	VIEW( <u>V</u> )		<b>→</b>	<b>→</b>		
			EDIT( <u>E</u> )					
01 C	HE.	AIE	PowerPoint	:		-		
			✓ Canvas	:		·		



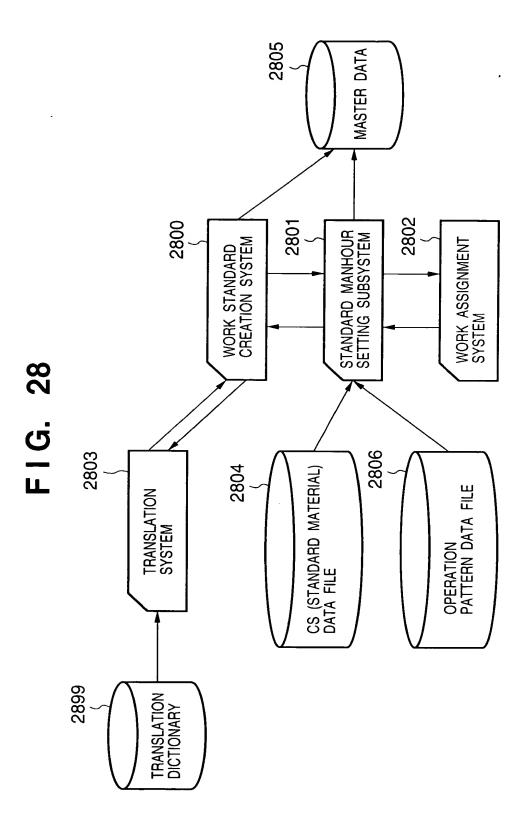
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F1G. 26





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WORK STA	NDARD : TRAN	SLATION	SYSTEM	(PROTOTY	PE)	×
	• WORK ST	ANDARD	DATA			
	O MASTER I	DATA				
	UPLOAD	WORK S	TANDAR[	)		
	DOWNLOA	D WORK	STANDA	RD		
	TRANSLAT	E WORK	STANDA	RD		
		END				

~3000 X 3004 -DISPLAY LANGUAGE-AUTOMATIC TRANSLATION CHECK CLOSE  $\times \times \times \times$ O JAPANESE ENGLISH TRANSLATE ALL  $\times \times \times$ 3003 O UNTRANSLATED O UNCHECKED 3005 -DISPLAY DATA-O ALL TRANSLATE 3001 3002 3008 切換アームAssy組立 OTOTAL O UNIT 伝達ローラu取付 伝達ローラu取付 **WORK NAME** クリーナu取付 クリーナu取付 クリーナu取付 紙押え取付 VIEW PREPUCES NAME : | PLATEN UNIT 3007 REPRESENTATIVE MODEL NAME : | A252 REVISION NUMBER CANCEL SELECT TRANSLATION OF WORK STANDARD 2 2 2 2 2 2 2 MANAGEMENT NO. SELECT ALL PT - 010 - 010 PT - 010 - 020 PT - 010 - 030 PT - 100 - 010 PT - 080 - 010 PT - 090 - 010 PT - 070 - 030 3006

F1G. 31

			া	1 1	1						t
	XO-		λίο		N. I.	Precaution / Conditions	le Data 1 le Data 1				
			Part Name		Oto	No. Precaution	02 - 01	Procedure	No Table Data	Page No.	PN-030-020
	NNIT				-		no catch Ider leading edge.	OK			
TRANSLATION OF WORK STANDARD (PROTOTYPE) WORK STANDARD(E) ILLUSTRATION(I) VOICE(S) WINDOW(W) WORK STANDARD PN-030-020 01 New crested by (PX2056) A252 PUMP UNIT	A252	STANDARD PN-030-020 01 New crested by (PX2056) A252  QG5-1319  1 No. Part Name Qty Part	A252		to (1) of the blade lever. ection of arrow (2) and check there is no catching force. ever shaft leading edge to the braid folder leading	By		. — — — 1 1 1 1 1 1			
	crested by (PX20				Total	Procedure	to (1) of the blade lever ection of arrow (2) and ing force.	Data			
	STANDARD PN-030-020 01 New o		Part				The blade lever spring hooks to ① of the blade lever. Side the blade lever in the direction of arrow ② and check there is no catch and nor the return by the spring force. Check press-fitting the blade lever shaft leading edge to the braid folder leading edge.	Details is of Revision	New Created by (PX2056)		
WORK S	WORK	Model	Pa			No.	02 03		5	1	

TOMOTO GOOGLAZOD

FIG. 32

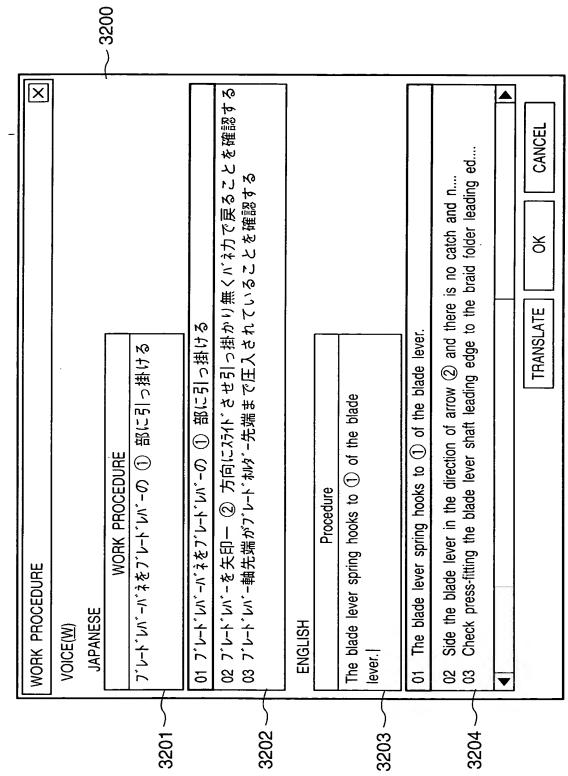
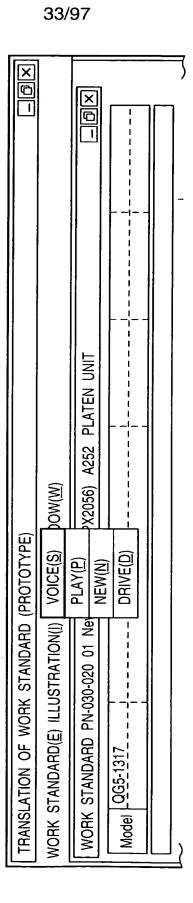
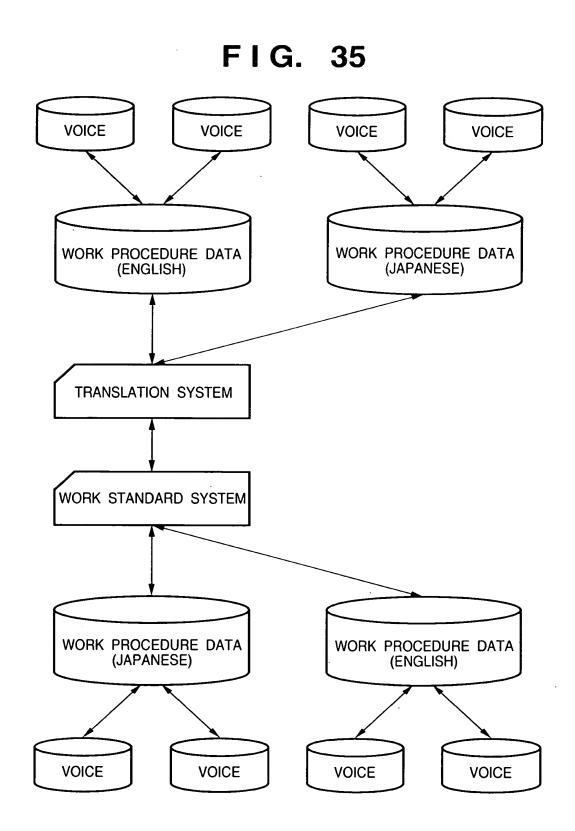


FIG. 33



SOUND-SOUND RECORDER	
$FILE(\underline{F})$ $EDIT(\underline{E})$ $EFFECT(\underline{S})$ $HELP(\underline{H})$	
POSITION 0.00SEC	TIME 60.00SEC

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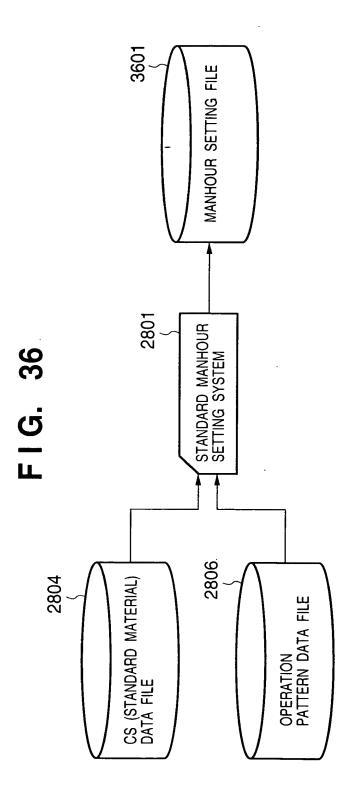


FIG. 37

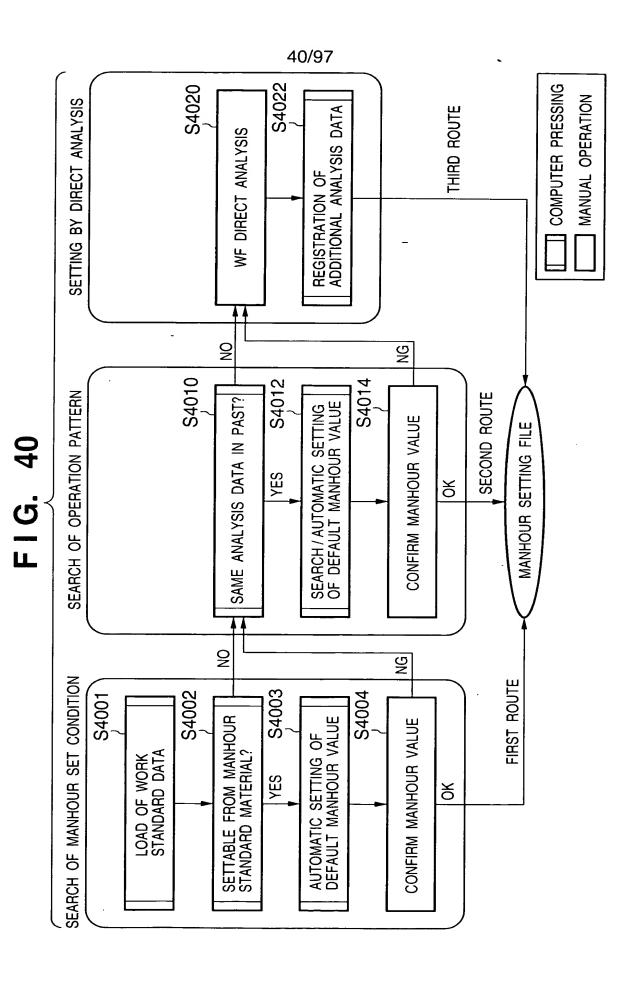
-					
SET CONDITION	SO	MANHOUR	FREQUENCY	ELEMENT WORK NAME	No.

FIG. 38

STANDARD MATERIAL DATA

	<del></del>	 
SET CONDITION DATA		
VERB		
COMMENT 2		
OBJECT		
COMMENT 1		

T11223 -3902STANDARD MATERIAL DATA ASHD T1111 T11221 FIG. 39 T134 -3901STANDARD MATERIAL DATA SPG3 T133 M11 T132



#### FIG. 41

3601

EDITING OF ELEMENT WORK

FILE(F) EDIT(E) VIEW(V) ANALYZE(A) ANALYSIS MATERIAL(B) CS(S) END(X)

UNIT WORK NAME: SEPARATION ROLLER ATTACHMENT

No.	ELEMENT WORK NAME	FREQU	JENCY	MANHOUR	CS	SET	CONDITION	
1	負荷バネを負荷バネ取付治具に組込む (SET LOAD SPRING IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1 -					
2	治具のSWをONにする (TURN ON SW OF TREATMENT DEVICE)	1	1					
3	分離ローラ軸を負荷バネ取付治具に取込む (SET SEPARATION ROLLER SHAFT IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1					
4	治具のSWをOFFにする (TURN OFF SW OF TREAMENT DEVICE)	1	1					
5	分離ローラ軸を治具より外す (DETACH SEPARATION ROLLER SHAFT FROM TREAMENT DEVICE)	1	1 					



#### • ELEMENT WORK NAME

No.	COMMENT 1	OBJECT	COMMENT 2	VERB
1		負荷バネを	負荷バネ取付治具に	組込む
2	治具の	SWを		ONする
3		分離ローラ軸を	負荷バネ取付治具に	組込む
4	治具の	SWを		OFFにする
5		分離ローラ軸を	治具より	外す

#### FIG. 42

3601

EDITING OF ELEMENT WORK

FILE(F) EDIT(E) VIEW(V) ANALYZE(A) ANALYSIS MATERIAL(B) CS(S) END(X)

UNIT WORK NAME: SEPARATION ROLLER ATTACHMENT

No.	ELEMENT WORK NAME	FREQU	JENCY	MANHOUR	CS	SET CONDITION	
1	負荷バネを負荷バネ取付治具に組込む (SET LOAD SPRING IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1	41	SPG3	T133 / M11 / 0	
2	治具のSWをONにする (TURN ON SW OF TREATMENT DEVICE)	1	1	8			
3	分離ロ−ラ軸を負荷バネ取付治具に取込む (SET SEPARATION ROLLER SHAFT IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1	37	ASHD	T11222 / T1111	
4	治具のSWをOFFにする (TURN OFF SW OF TREAMENT DEVICE)	1	1	8			
5	分離ローラ軸を治具より外す (DETACH SEPARATION ROLLER SHAFT FROM TREAMENT DEVICE)	1	1	16	PUMB	T2111 / T111111	
				·	 		
						1	

\_/MATCH

SEARCH KEYWORD(KW)

No.	COMMENT 1	OBJECT	COMMENT 2	VERB	MANHOUR STANDARD MATERIAL	TIME VALUE
1	*	*バネを	*(こ	組込む	SPG3 T133/M11/0	41RU
2	*	* &	*(:	組込む	ASHED T11222 / T1111	37RU
3	*	* を	*より	外す	PUMQ T2111/T111111	16RU
4	*	* Eリング を	*	組込む	RIN2 T11211 / SO	76RU
5	*	*コネクタを	*	差し込む	CONN T11211/SO	41RU
6	*	*	*	増し締めする	SCR6 M211/1	23RU

### F I G. 43

3601

#### EDITING OF ELEMENT WORK

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FILE(F) EDIT(E) VIEW(V) ANALYZE(A) ANALYSIS MATERIAL(B) CS(S) END(X)

UNIT WORK NAME: SEPARATION ROLLER ATTACHMENT

No.	ELEMENT WORK NAME	FREQ	JENCY	MANHOUR	CS	SET CONDITION	
1	負荷バネを負荷バネ取付治具に組込む (SET LOAD SPRING IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1	41	SPG3	T133 / M11 / 0	
2	治具のSWをONにする (TURN ON SW OF TREATMENT DEVICE)	1	1	8		/GET:-50E/M:-10E	
3	分離□-ラ軸を負荷バネ取付治具に取込む (SET SEPARATION ROLLER SHAFT IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	1	1	37	ASHD	T11222 / T1111	
4	治具のSWをOFFにする (TURN OFF SW OF TREAMENT DEVICE)	1	1	8		/GET:-50E/M:-10E	
5	分離□¬ラ軸を治具より外す (DETACH SEPARATION ROLLER SHAFT FROM TREAMENT DEVICE)	1	1	16	PUMB	T2111/T111111	
							r d
					1		

MATCH

	·				
COMMENT 1	OBJECT	COMMENT 2	VERB	VERB PATTERN	TIME VALUE
治具の	SWを		ONする	/GET:-50E/M:-10E	8RU
治具の	SWを		OFFする	/GET:-50E/M:-10E	8RU
	読取操作部uを		閉める	/GET:-50E/M:-50E	10RU
	CRGドアを		閉める	/GET:-50E/M:-50E	10RU
_	読取操作部uを		閉める	/GET:-50E/M:-50E	10RU
	電源コート・を		抜く	/GET:-50EGr2/M:-10E	16RU
	測定用電源コート゛を		抜く	/GET:-50EGr2/M:-10E	16RU
	治具の	治具の SWを 治具の SWを 読取操作部uを CRGh'7を 読取操作部uを 電源コート'を	治具の SWを 治具の SWを 読取操作部uを CRGh*アを 読取操作部uを 電源コート*を	治具のSWをONする治具のSWをOFFする読取操作部uを閉める読取操作部uを閉める電源コート・を抜く	治具のSWをONする /GET:-50E/M:-10E治具のSWをOFFする /GET:-50E/M:-10E読取操作部uを閉める /GET:-50E/M:-50ECRGドアを閉める /GET:-50E/M:-50E読取操作部uを閉める /GET:-50E/M:-50E電源コート・を抜く /GET:-50EGr2/M:-10E

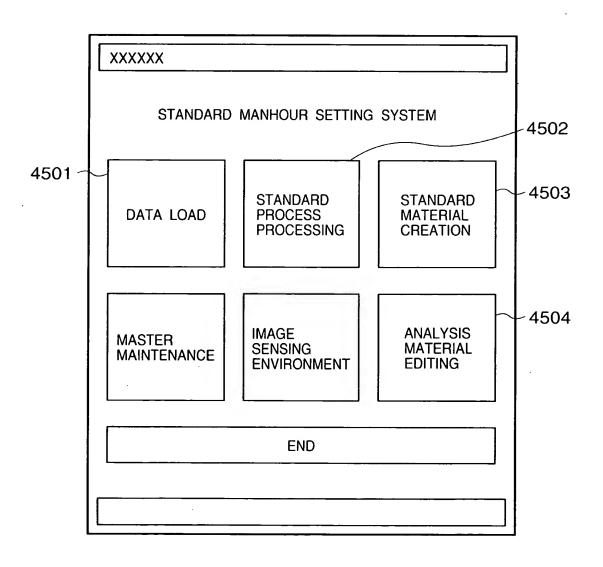
# FOEGFO. BEEEES/60

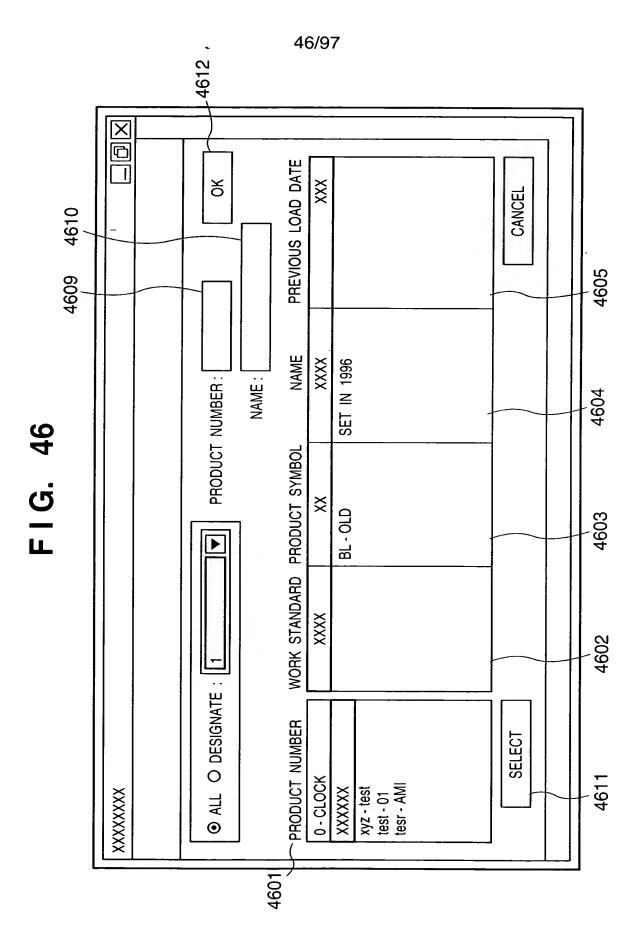
## FIG. 44

3601

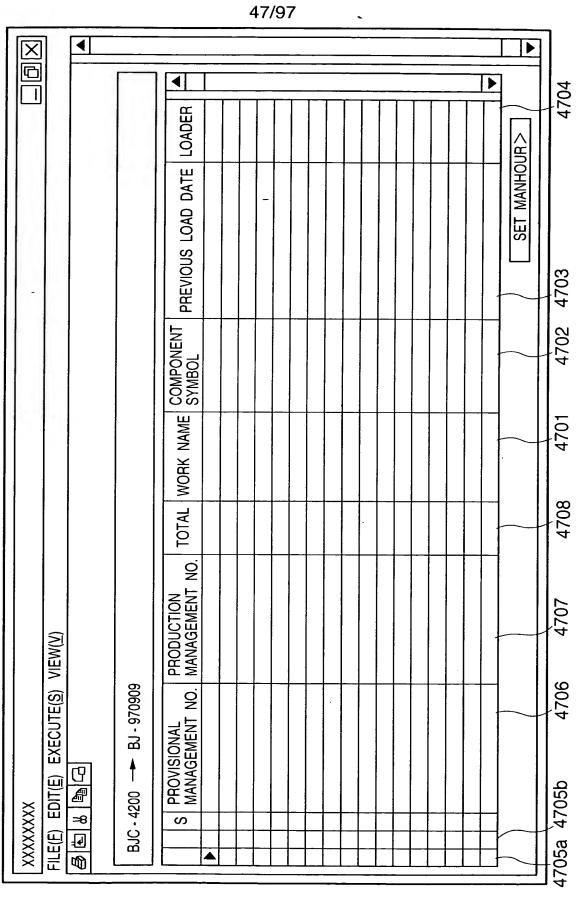
田田	EDITING OF ELEMENT WORK					
]   	FILE(F) EDIT(E) VIEW(V) ANALYZE(A) ANALYSIS MATERIAL(B) CS(S) END(X)	(X				
5	UNIT WORK NAME : SEPARATION ROLLER ATTACHMENT					
2	ELEMENT WORK NAME	FREQUE	λ	FREQUENCY MANHOUR	SS	SET CONDITION
-	負荷バネを負荷バネ取付治具に組込む(SET LOAD SPRING IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	-	-	41	SPG3	SPG3 T133/M11/0
2	治具のSWをONにする(TURN ON SW OF TREATMENT DEVICE)	i   	<u> </u>	. ω . ω	1	/GET:-50E/M:-10E
<u>ო</u>	分離中子軸を負荷バネ取付治具に取込む(SET SEPARATION ROLLER SHAFT IN TREATMENT DEVICE FOR ATTACHING LOAD SPRING)	i   	-	37	ASHD	ASHD T11222/T1111
4	治具のSWをOFFにする(TURN OFF SW OF TREAMENT   DEVICE)	-	<del> </del>	8		/GET:-50E/M:-10E
2	分離中う軸を治具より外す(DETACH SEPARATION ROLLER SHAFT FROM TREAMENT DEVICE)	; ; -	<del> </del>	16	PUMB	PUMB T2111/T111111
1 1			<del>                                     </del>		1 1	

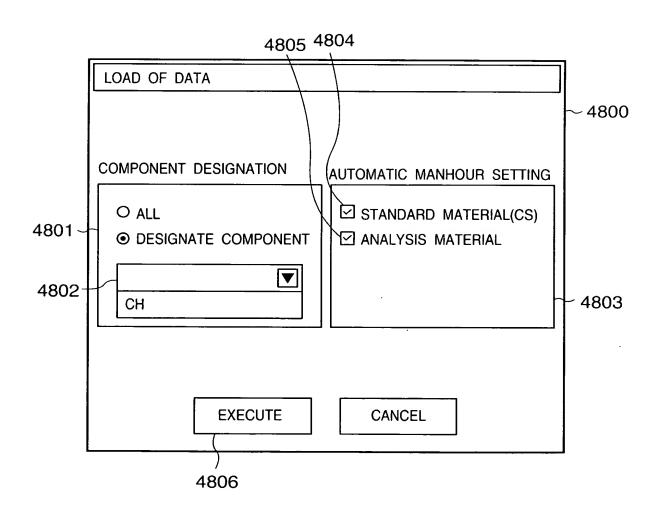
FIG. 45



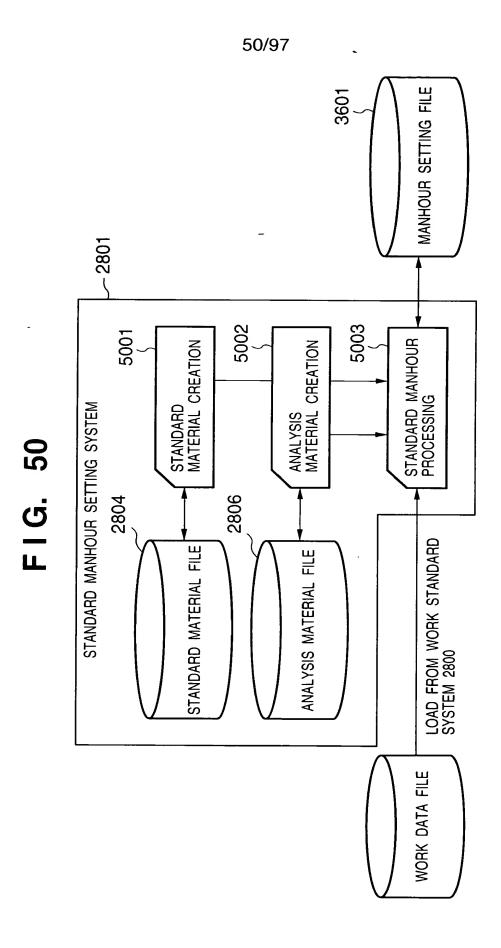


F1G. 47





COMPONENT 4 UPPER COMPONENT COMPONENT 3 FIG. 49 WORK GROUP COMPONENT 2 UPPER COMPONENT COMPONENT 1



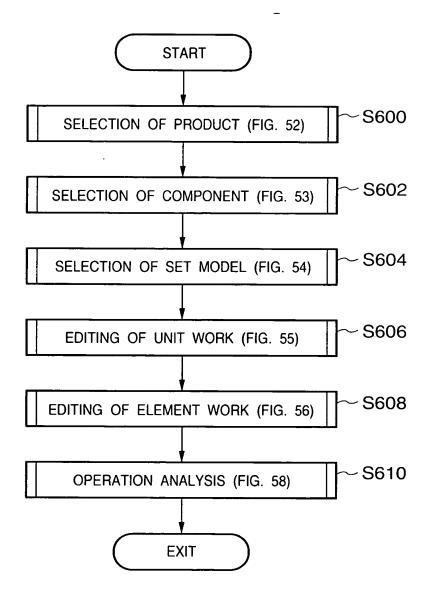
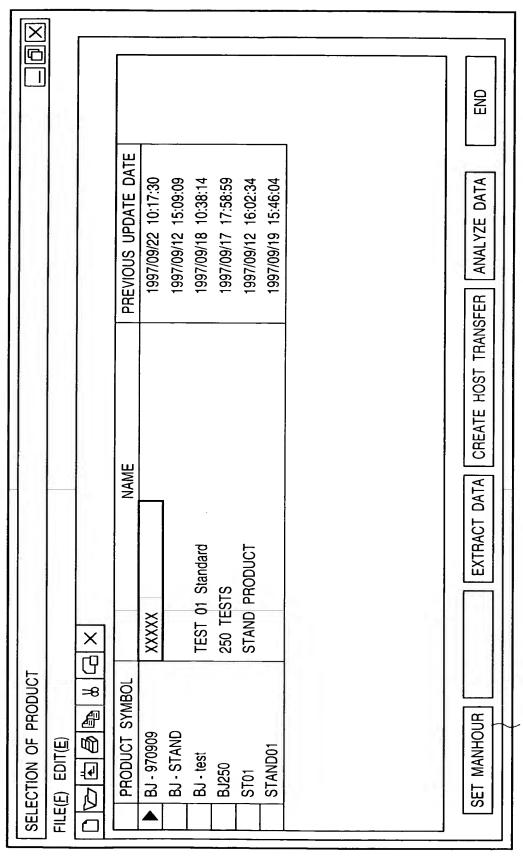


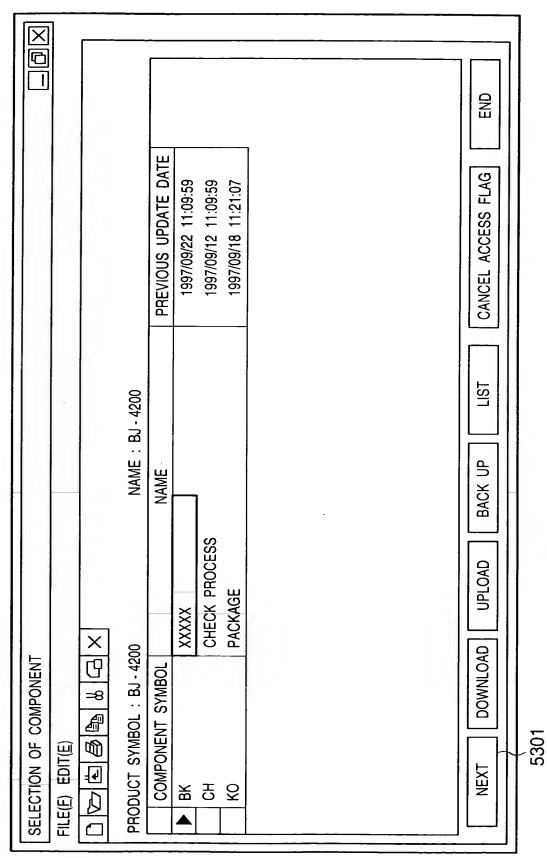
FIG. 52



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53/97

FIG. 53



F1G. 54

//EW( <u>V)</u> В СЭ X  В СЭ X  В СЭ X	FILE(E) EDIT(E) VIEW( <u>V</u> )  C] [本] [本] [本] [本] [本]   X [本]   X [本]   X [本]   X [x   x   x   x   x   x   x   x   x   x
0000	DUCT NUMBER
	DUCT NUMBER
8	COMPONENT SYMBOL : CH
QUAI	SET MODEL SYMBOL
	A250 IIQ
	BJC - 4200LX
YSTEM	BJC - 4200 SYS
	BJC - 420J
ACK)	BJC - 420J(BLA
    - 	BJC - 4300
	BJC - 430J
	BJC - 430J

FIG. 55

<u></u>		<del></del>		55/97		٦
	09 LOAD SET MODEL SYMBOL: BJC-4300 LATEST	NAME: xxxxxx UNIT WORK NAME   MANHOUR   USE   CS   FREQUE	電気チェック	0 0	バーu取付     0     0     0       バーu取付     0     0     0       バーu取付     0     0     0       ボーu取付     0     0     1       ボーu取     0     0     1       ボーロの     0     0     1       スペ     0     0     1       ADD     OK     0     1	l6 5502 5503 5504 5505
	AME : 097 - 09 - 09 LOAD	NAME : REVISION			O CHAN	5507 5506
SELECTION OF MODEL FILE(E) EDIT(E) VIEW( <u>V</u> )		COMPONENT SYMBOL : ON NAME : S FORMAL MANAGEMENT NO.	0 4 0	N 6 1 CH-01-03 N 7 1 CH-01-04	N 23 CH-07-02(1) N 24 CH-07-02(2) N 25 CH-07-01(3) NO. FORMAL MANAGEMENT NO. 3 CH-01-01	5501 55

FIG. 56

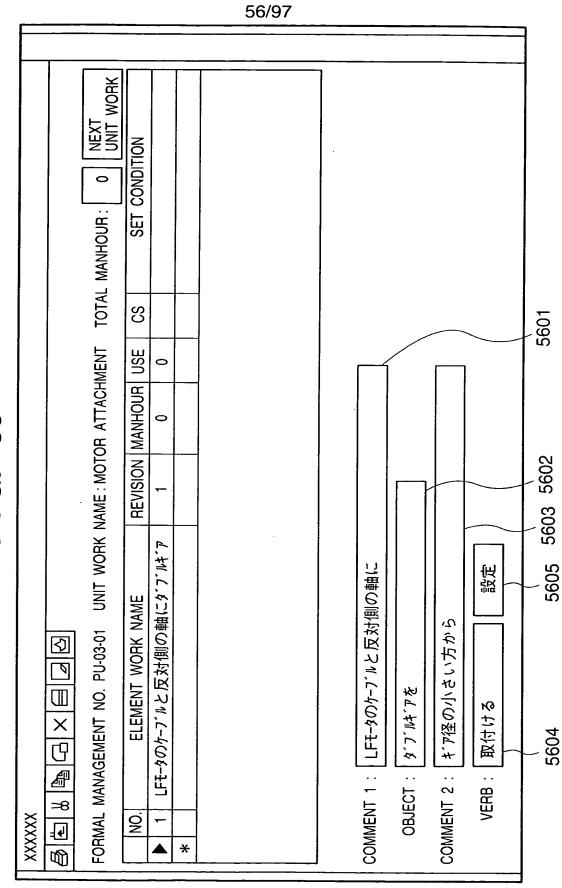
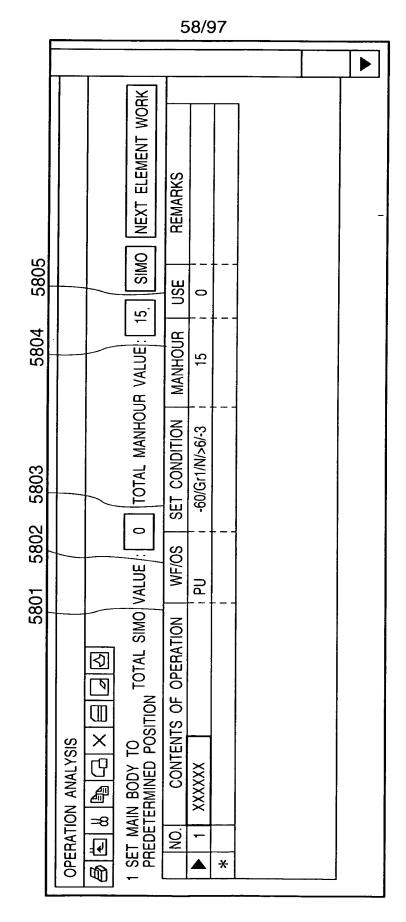
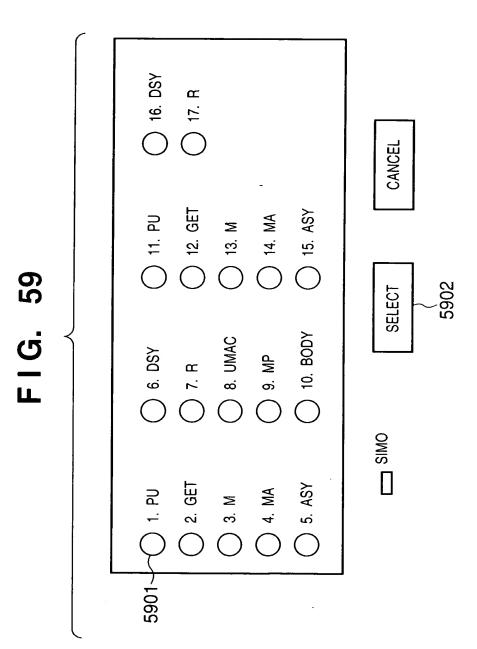


FIG. 57

- 1	FILE(E)	FILE( <u>E)</u> EDIT( <u>E)</u> VIEW( <u>V</u> )	$\exists W(\underline{V})$									
	PRODL	PRODUCT GENRE :	: ALL	<b>•</b>								
	TYPE	TYPE COMMENT 1	OBJECT	COMMENT 2	VERB	ANALYSIS SYMBOL	MANHOUR USE FREQUENCY	USE	REOUE		COUNT	SET DATE
_		17-4477°:	本体を	矢印1の様に	入れる	-50/Gr1/N/>6/-3	5	0	-	-	0	97/09/09 9:52
	5.3	エアーキャッフ。:	本体を	矢印1の様に	入れる	-50/E/02/N/-6	Ξ	0	-	-	0	97/09/09 9:53
1		エアーキャッフ。:	本体を		入れる	-50/Gr1/N/>6/-3	15	0	-	-	0	97/09/09 9:55
			要素作業01		動詞	-50/Gr1/N/>6/-3	15	0	-	-	0	97/09/10 16:34
		17-4477°:	本体を	矢印1の様に	入れる	-50/Gr1/N/>6/-3	15	0	-	-	0	
			キャリッシ・ロック		160	Time100/Rate100	100	5	-	-	-	97/09/10 19:16
		モーター組立る:	7・リンタシャーシ		入れ、セルする	S M211/1/10	20	-	-	-	-	
			7・リンタシャーシ		裏面にする	T1221/M2311/0/0	12	0	-	-	0	97/09/11 17:34
- 1			1		1	T2221/M1211/0/1	24	0	-	-	0	97/09/11 17:20
			2		2	T1221/M2311/0/0	12	0	-	-	0	97/09/11 17:24
1			ブ・リンタシャーシ	PRかいい取付る	もかする		15	0	-	-	0	97/09/12 11:24
1			dgdfafdfas		fdasfdasfasfad	*	16	0	-	-	0	97/09/12 12:10
			dsdsffsfdsdsaf		fdsafdaddfds	T21121/M1111/0/1	13	0	-	-	0	97/09/12 12:10
			dgdfafdfas		fdasfdasfasfad	*	16	0	-	-	0	97/09/12 13:39
			くーかくをくり。し	PRかい取付る	セルする		15	0	-	-	0	97/09/12 14:00
			イーかんかんしょ	PRか1、取付る	もかする		15	0	-	-	0	97/09/12 14:00
			1° 1′212√\\		ይ <i>ት\</i> ሴ	Time100/Rate100	100	5	-	-	0	97/09/12 14:04

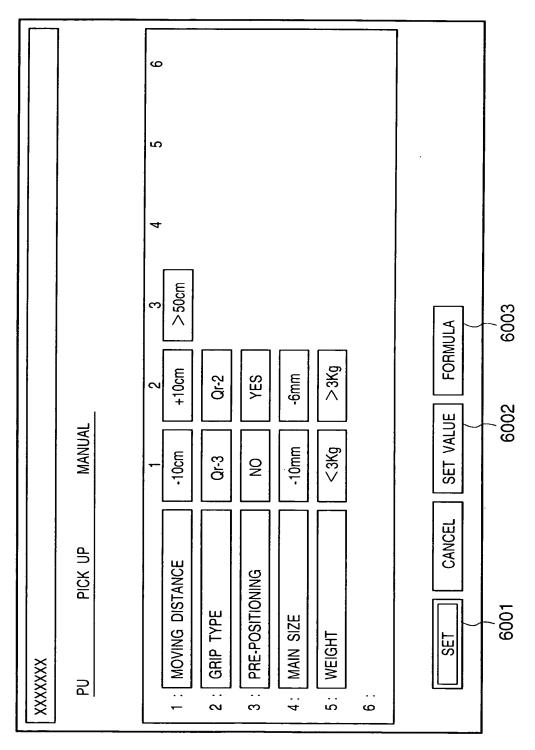
FIG. 58



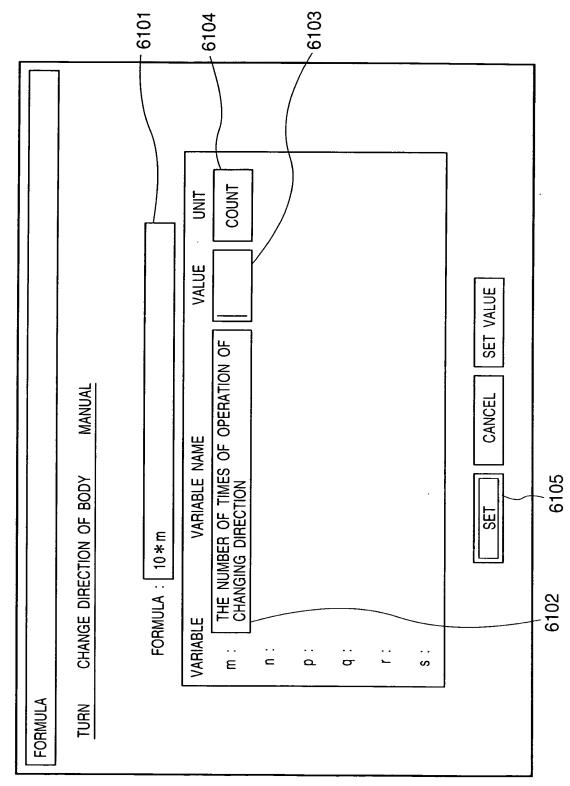


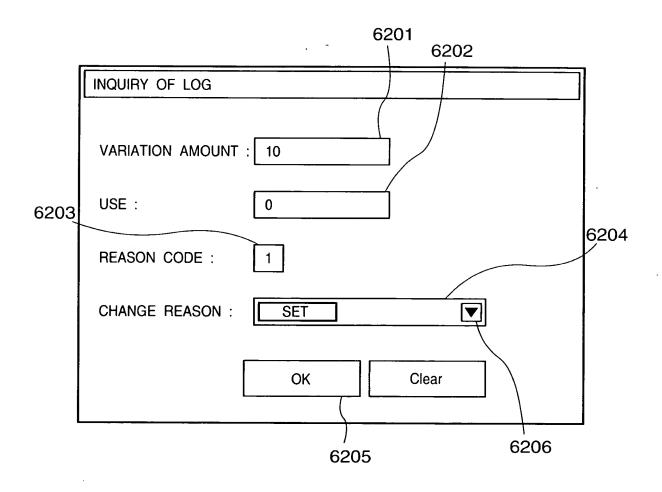
FOMORO: WOOMNYOO

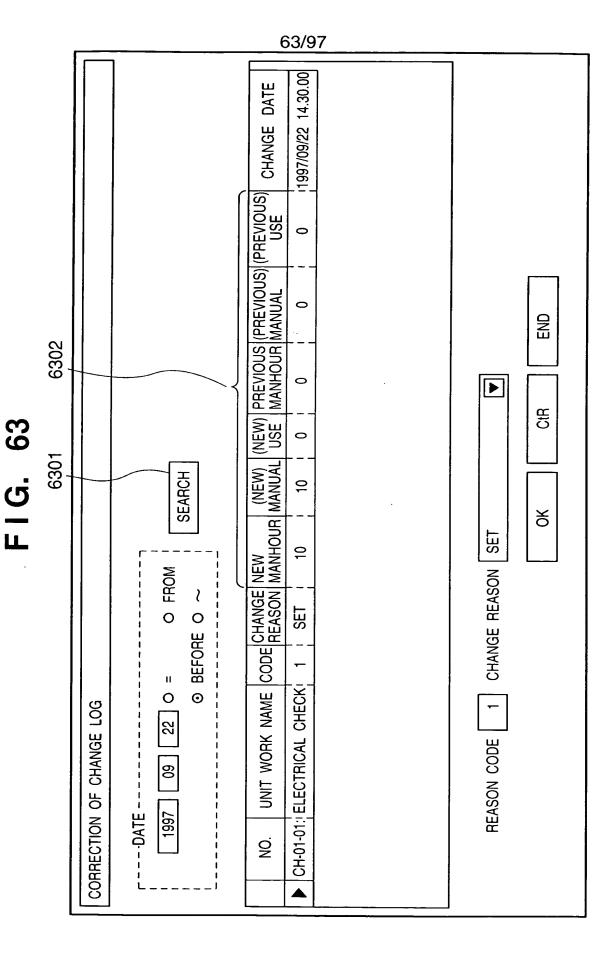
FIG. 60

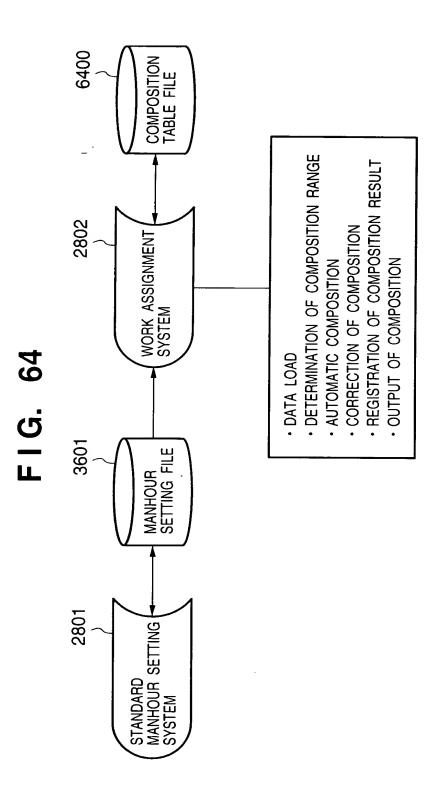


F1G. 61

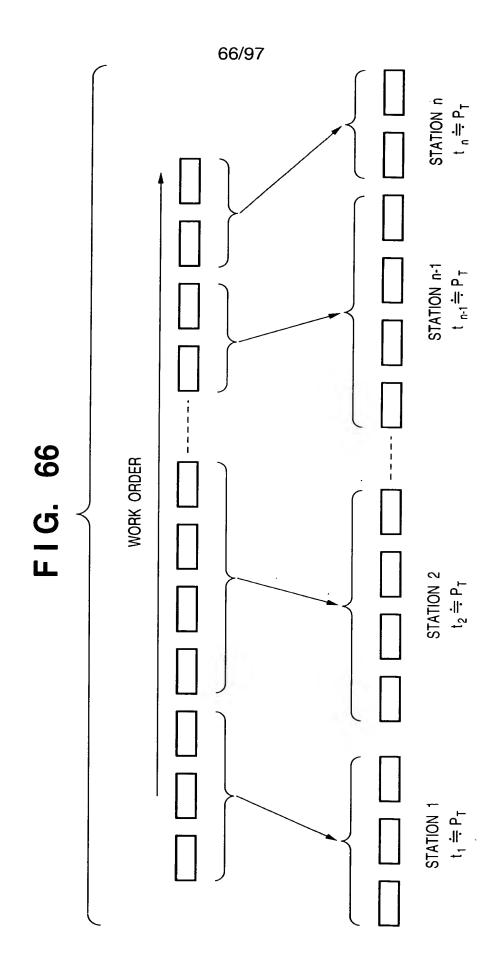








WINDOW DISPLAY
OUTPUT CONSIDERING
PARALLEL OPERATION 6506 SIMPLE DIVISION WINDOW DISPLAY OUTPUT 6504 6505 **EXCEL OUTPUT** 6503 DIVISION CONDITION OUTPUT 6501 2802 FIG. 65 OPERATOR DATABASE WORK ASSIGNMENT SYSTEM COMPOSITION RANGE INPUT 6502 6400 COMPOSITION TABLE FILE



F1G. 67

FILE(F) EDIT(E) INPUT(I) TOOL(O)  NODEL GP55  NIT  TANDARD NO. WORK NAME  0001 STICK HANDY CUT TAPE 0002 SET LABELS ON MAIN BODY 0003 WEIMAN REMOVAL 0004 ASSEMBLE OUTER CASE 0005 FIT TOP PAD 0005 STICK LARGE-SIDE ORDER LABEL 117	-			SIMPLE DIVISION PARALLEL DIVISION					
GP55 WORK NAME STICK HANDY CUT TAPE SET LABELS ON MAIN BODY WEIMAN REMOVAL ASSEMBLE OUTER CASE FIT TOP PAD STICK LARGE-SIDE ORDER LABEL	◀	<b>◆</b> ▶		اسا					
	<b>&gt;</b>	-		MANHOU	134 550 270 365 268 117				
(F) EDIT( EL [ O001 0002 0003 0004 0005 0005		E) INPUT(I) TOOL(O)	GP55		STICK HANDY CUT TAPE SET LABELS ON MAIN BODY WEIMAN REMOVAL ASSEMBLE OUTER CASE FIT TOP PAD STICK LARGE-SIDE ORDER LABEL				
MODE		FILE(F) EDIT(E	ш ш	STANDARD NO.	0001 0002 0003 0004 0005				

#### SIMPLE DIVISION

				•	<b>A</b>
	FILE(F) EC	DIT(E)			<b>\$</b>
S	t 1				
	0001	STICK HANDY CUT TAPE	134		
	0002	SET LABELS ON MAIN BODY	550		
	0003	WEIMAN REMOVAL	270		
•			-		l
Si	t 2				1
	0004	ASSEMBLE OUTER CASE	365		
	0005	FIT TOP PAD	268		
	0006	STICK LARGE-SIDE ORDER LABEL	117		
•		·			
		•			

FIG. 69

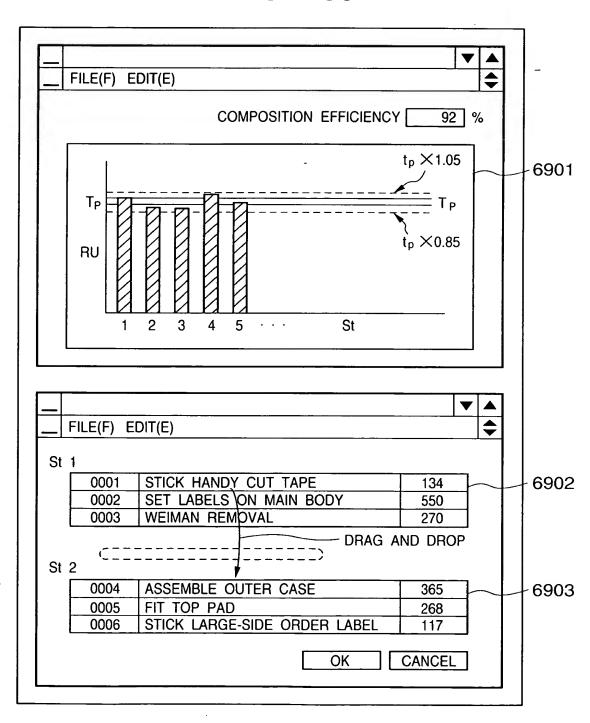
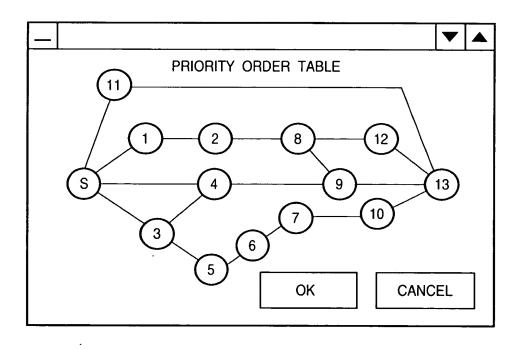
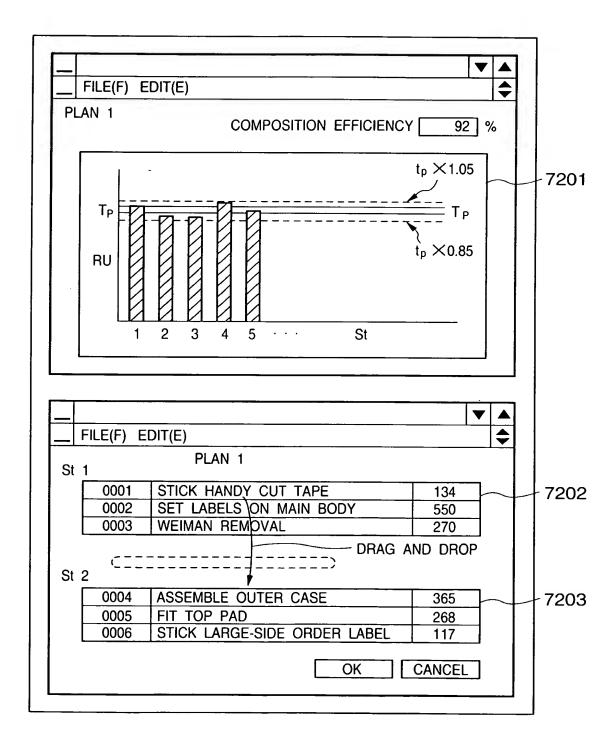


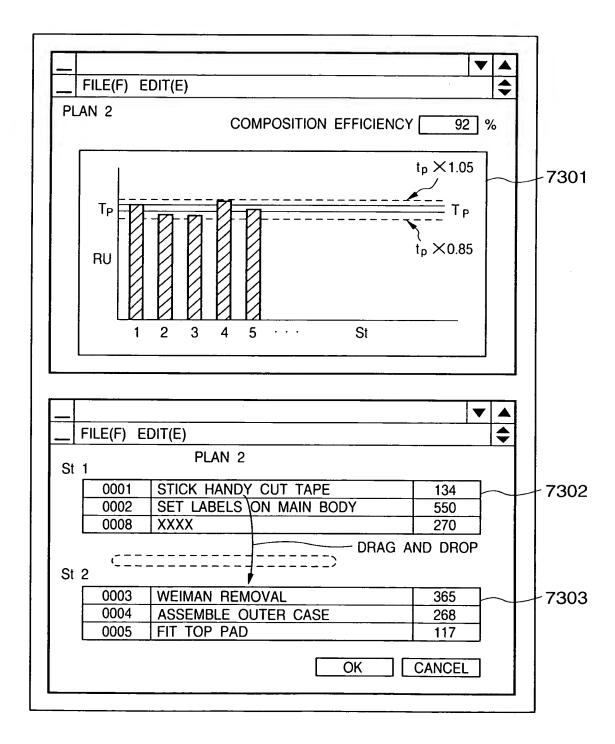
FIG. 70



#### PARALLEL DIVISION

	· · · · · · · · · · · · · · · · · · ·				
				▼	•
PLAN 2	PLAN 1				
St 1	St 1			_	
1	1	STICK HANDY CUT TAPE	99		
2	2	SET LABELS ON MAIN BODY	78		
8	3	WEIMAN REMOVAL	134		
	St 2			•	
St 2				1	
3	4	ASSEMBLE OUTER CASE	732		
4	5	FIT TOP PAD	268		
5	6	STICK LARGE-SIDE ORDER LABEL	117	1	
	•	<u>:</u>		•	
		·			ļ





7409 CANCEL COMPONENT SYMBOL COMPONENT NAME ORDER 7408 숭 7407 COMPONENT 7403 7404 7405 7406 F1G. 74 TARGET MODEL LOAD OF NEWLY COMPOSED DATA (MANHOUR) REPRESENTATIVE MODEL BJ FAX LBP NP STAND GENRE 7401 7402

X

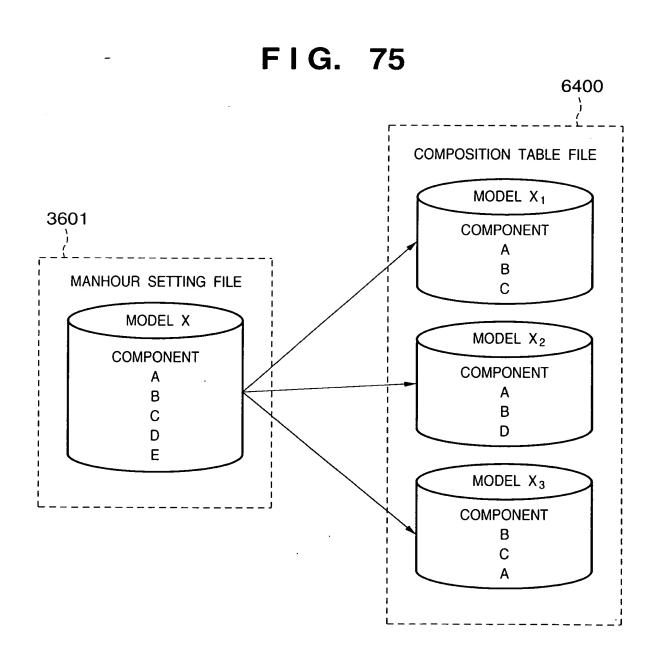
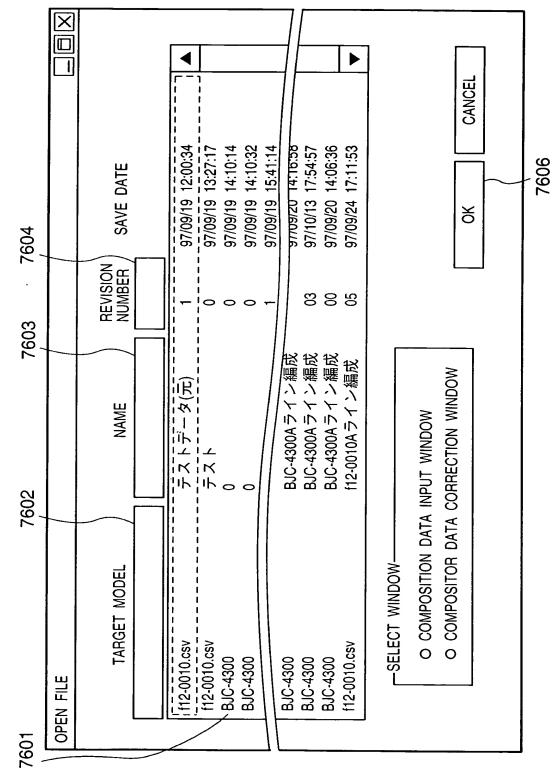


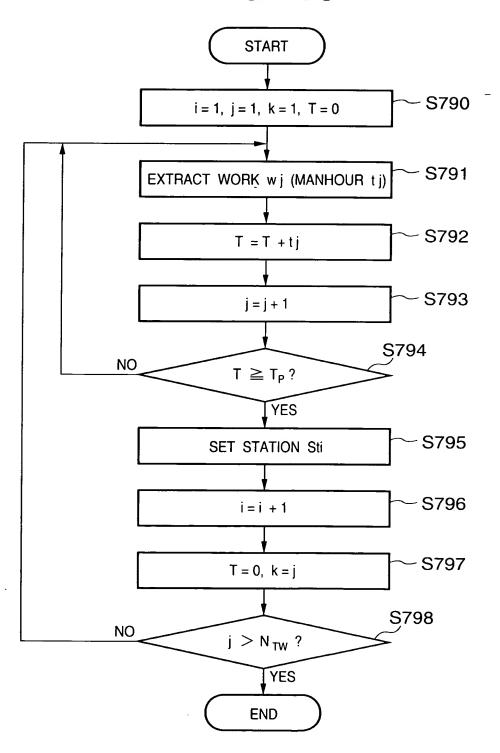
FIG. 76



7710	THE EXPECTED NUMBER OF PRODUCTS: 650 UNITS!  THE NUMBER OF DEFECTIVE PRODUCTS: 650 UNITS!  THE NUMBER OF INITIAL PRODUCTS  INVESTED INTO TOP OF ASSEMBLY LINE: 556 UNITS!  WORKING TIME: 450 UTES!  BREAK: 15 MIN- BREAK: 15 UTES!  MORNING MEETING TIME: 5 MIN- EXERCISE TIME: 5 MIN-  OF ASSEMBLY LINE: 5 MIN- BREAK: 15 UTES!	EXPECTED COMPOSITION EFFICIENCY: 95 %	CALCULATE  CALCULATE  7710d  STATION (ROUND DOWN)  STATION (ROUND UP)  STATION (ROUND UP)  STATION (ROUND UP)  THE NUMBER OF STATIONS  COMPOSITION EFFICIENCY  SS %  COMPOSITION EFFICIENCY  SS %  COMPOSITION EFFICIENCY  SS %  COMPOSITION EFFICIENCY  SS %  COMPOSITION EFFICIENCY  SS %	CALCULATION RESULT THE NUMBER OF STATIONS: [18.9] PITCH TIME (p) 660  CUTE COMPOSITION END  7730
FIG. 77	FILE(E) EDIT(E) TOOL(I) COMPOSITION DATA  TARGET MODEL  COMPOSITION DATA  TARGET MODEL  COMPOSITION NUMBER  G WORK OTOOL OPART ONOTE  COMPOSITION PRIORITY  MACHINE MANUAL CHINE MANUAL MACHINE PROVISIONAL SECTION  FEMARKS  I WORK WE WANUAL MANUAL MACHINE PROVISIONAL SECTION NUMBER  TO WORK WE WANUAL MANUAL MAN	1   1 9000000000001E   単位名称s1   579   579   0   0   内 セット   1   0   1   2 9000000000000001E   単位名称s2   54   54   0   0   内 セット   2   1   3 900000000000001E   単位名称s3   10   10   0   内 セット   3   2   1   4 90000000000001E   単位名称s4   50   50   0   内 セット   4   3   5   4   1   1   1   1   1   1   1   1   1	27 90000000000027E 単位名称u23 55 55 0 0 内 ユニット 27 26 29 9000000000000028E 単位名称u24 88 88 0 0 内 ユニット 27 26 29 9000000000000028E 単位名称u25 147 147 0 0 内 ユニット 29 27 30 90000000000000000000000000000000000	THE NUMBER OF WORKS IN COMPOSITION: 141 TOTAL: 11903 (RU)  TOTAL MANHOUR TOTAL MANHOUR TOTAL MANHOUR OUTSIDE COMPOSITION: 0 (RU) EXECUTE: 11903 (RU) TOTAL MANHOUR TOTAL M

	INSERTION OF UNIT WORK	×
	NEW WORK WILL BE INSERTED BEFORE "STICK CHECK SHEET SERIAL NO."  INPUT WORK NAME AND PROVISIONAL MANHOUR VALUE	
7801	UNIT WORK NAME :	
7001	PROVISIONAL MANHOUR: (RU)	
7802	REMARKS :	
	OK CANCEL	

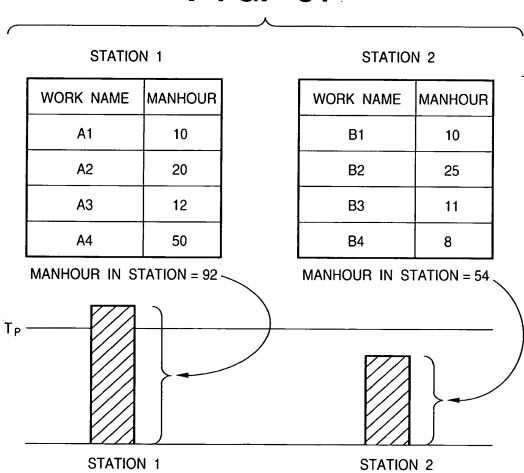
FIG. 79



× 回 「 MA-CHINE UAL PF 85.8% OPERATOR 5 🔻 8007 % % 94.92 900 006 900 8 PROVI-SIONAL MANHOUR COMPOSITION EFFICIENCY NET COMPOSITION EFFICIENCY TOTAL 565 (RU) OPERATOR 5 UNIT 250 UNIT 147
UNIT 147
UNIT 52
NAMEU26 52
UNIT 55 တ္တ ß 88 ¥ UNIT NAMEu21 UNIT NAMEU22 UNIT NAMEU23 VAMEU24 WORK 33 PF 90.3% OPERATOR 4 🔻 AA V REMARKS CHINE 9006 006 900 0006 8 8 900 PROVI-SIONAL MANHOUR MEANS CHINE MANHOUR 0 TOTAL 596 (RU) OPERATOR 4 UNIT NAMEu19 250 UNIT 160 UNIT 100 UNIT 160 UNI ¥Κ COMPOSITION MODE: PRIORITY ORDER SCHEME WORK ▼ PF 86.8% MA: MAN-CHINE UAL OPERATOR 3 ▼ 9000 9000 0006 8 ¥ PROVI-SIONAL MANHOUR TOTAL 566 (RU) OPERATOR 3 UNIT NAMEU9 144 UNIT NAMEU10 16 UNIT NAMEU11 293 UNIT NAMEU12 133 ¥ WORK NAME WORK NAME UNIT NAMEat PF 92.3% OPERATOR 2 🔻 MAN-UAL PROVI. SIONAL MANHOUR CHINE U 282 222 9000 006 8 i G STANDARD NO. TOTAL 609 (RU) OPERATOR 2 UNIT NAMEU2 30 UNIT NAMEU3 156 UNIT NAMEU1 63 ¥Κ FILE(E) EDIT(E) VIEW( $\underline{D}$ ) TOOL( $\underline{I}$ ) WORK Ī 꿇 ▼ ----tp ----tp\*1.05 ----tp\*0.85 PF 105.0% OPERATOR 1 MA- MAN-CHINE UAL XXXX XXXX XXXX XXXX OELETE STATION XXXX 8 9006 900 PROVI-SIONAL MANHOUR CLEAR(V) xxxx xxxx TOTAL 693 (RU) OPERATOR UNIT NAMEa1 5/9 TUNIT S4 INAME S2 INNIT S10 INNIT S0 INNIT S0 INNIT S0 Ϋ́ 뚪 8008 1 8006 8005 8003 8005 8009 8004

FIG. 80

FIG. 81.



#### STATION 1

WORK NAME	MANHOUR	
A1	10	
A2	20	
A3	12	
A4 - 1	25	
A4 - 2	25	

#### STATION 2

WORK NAME	MANHOUR	
B1	10	
B2	25	
B3	11	
B4	8	

MANHOUR IN STATION = 92 ~

MANHOUR IN STATION = 54

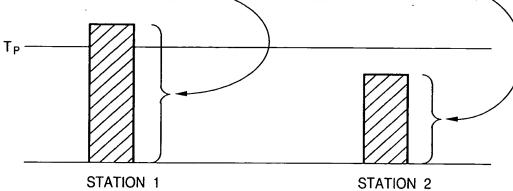
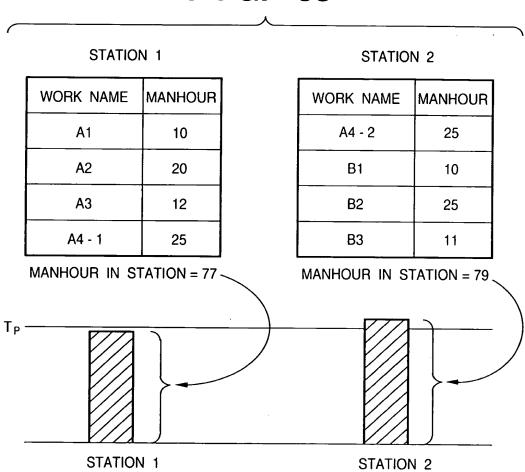
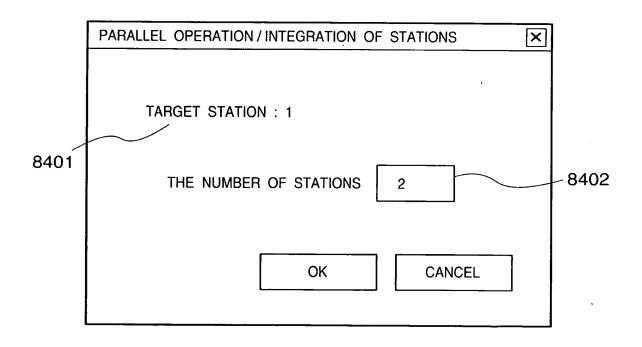


FIG. 83





F1G. 85

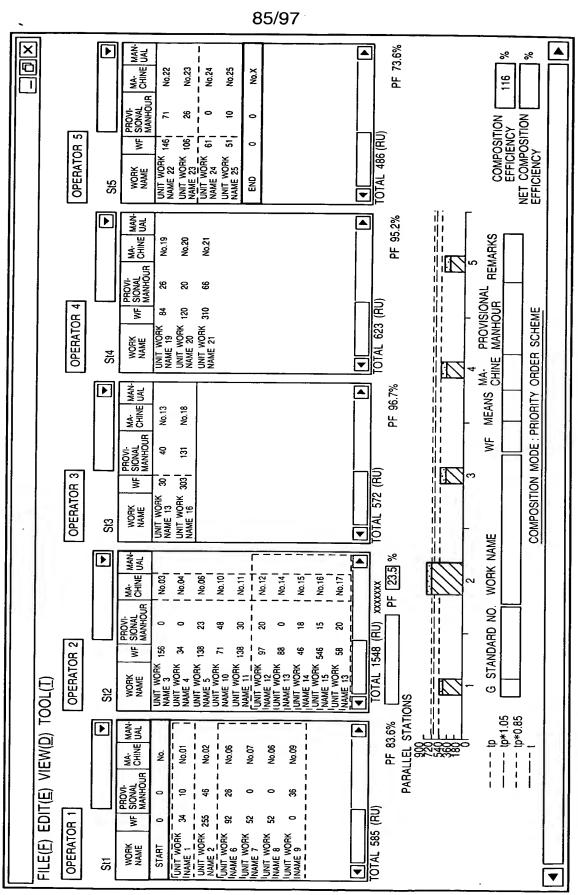


FIG. 86

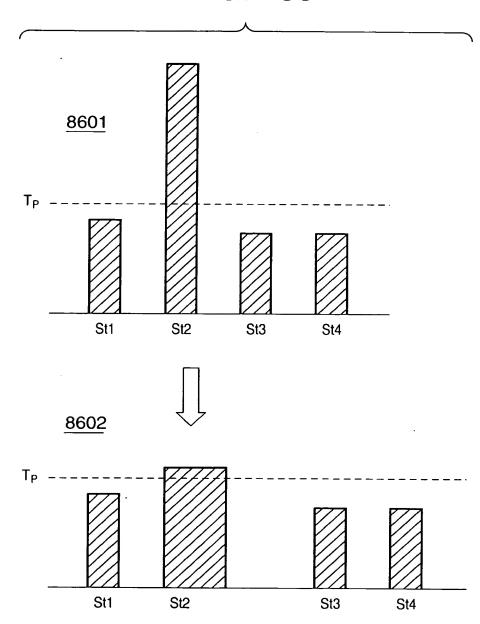
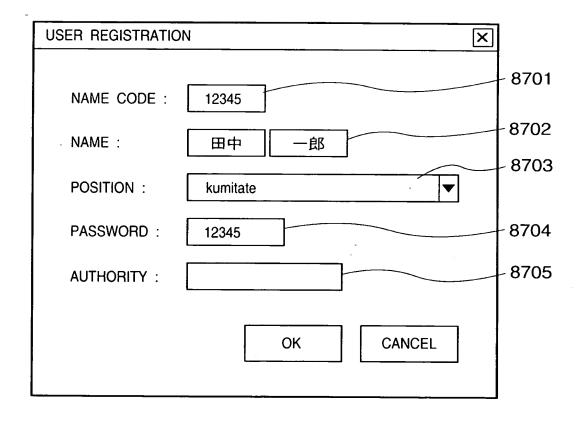
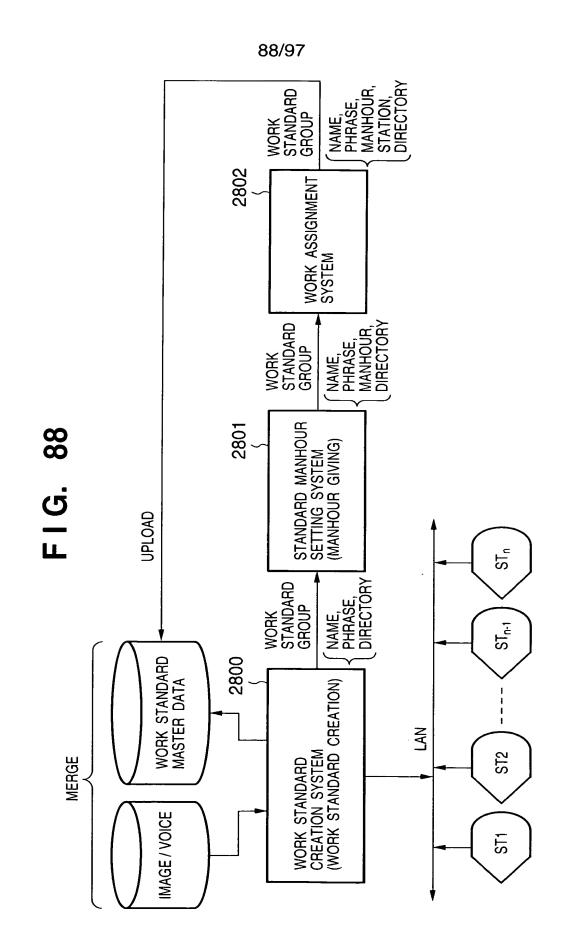


FIG. 87



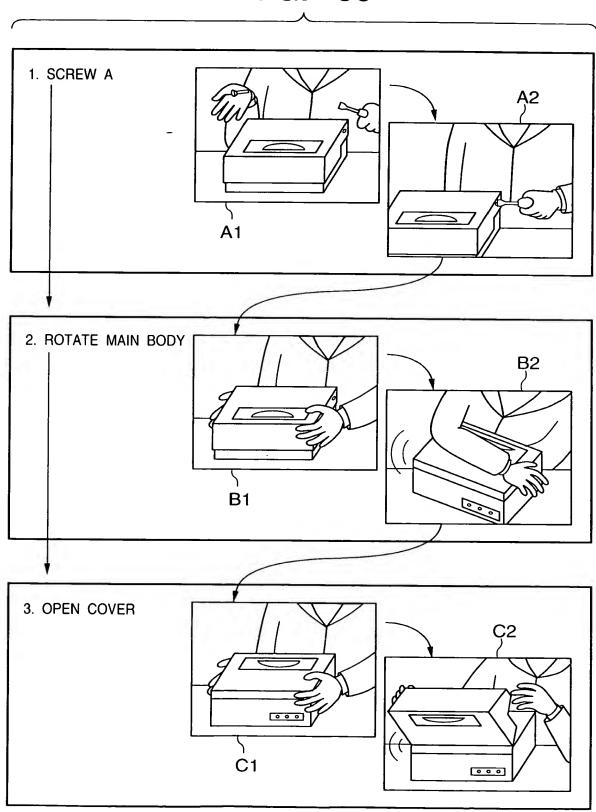


F1G. 89

DIRECTORY NAME IMAGE DATA		OPERATION (VERB)	PARAMETER 1	PARAMETER 2	PARAMETER 3
xxxxx1	SCREW	SCREW	SCREW CLOCKWISE	DISTANCE MOVEMENT 10mm	TORQUE 10Kg.M
xxxxx2	SCREW	SCREW	SCREW CLOCKWISE	DISTANCE MOVEMENT 20mm	TORQUE 20Kg.M
xxxxx3	SCREW	SCREW	SCREW CLOCKWISE	DISTANCE MOVEMENT 20mm	TORQUE 30Kg.M
•••	:	:	:		
уууууу1	ROTATE	ROTATE	CLOCKWISE	DISTANCE MOVEMENT 20mm	
уууууу2	ROTATE	ROTATE	COUNTERCLOCKWISE	DISTANCE MOVEMENT 20mm	
:	-				
222221	OPEN	OPEN	OPEN UPWARD	DISTANCE MOVEMENT 30mm	WEIGHT 100g
222222	OPEN	OPEN	OPEN DOWNWARD	DISTANCE MOVEMENT 40mm	WEIGHT 200g
•			•	-	

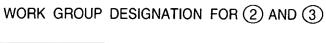
90/97

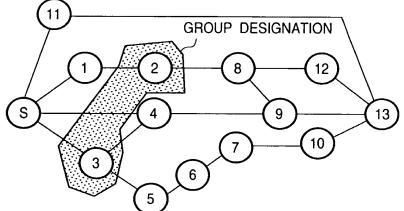
FIG. 90



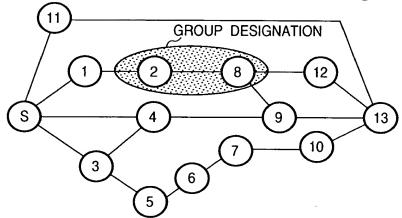
9	101	91	02
SETTING OF COMPONENT SYMBOL			
PRODUCT SYMBOL : BJ - 970909  COMPONENT SYMBOL : CH			
COMPONENT NAME : CHECK			
OK SEARCH COMPONENT		CANCEL	

FIG. 92

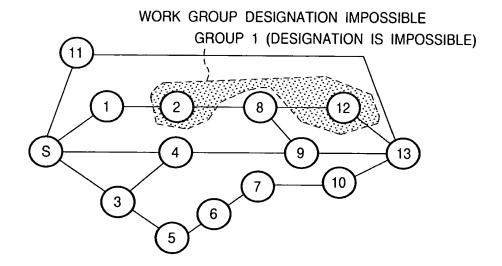






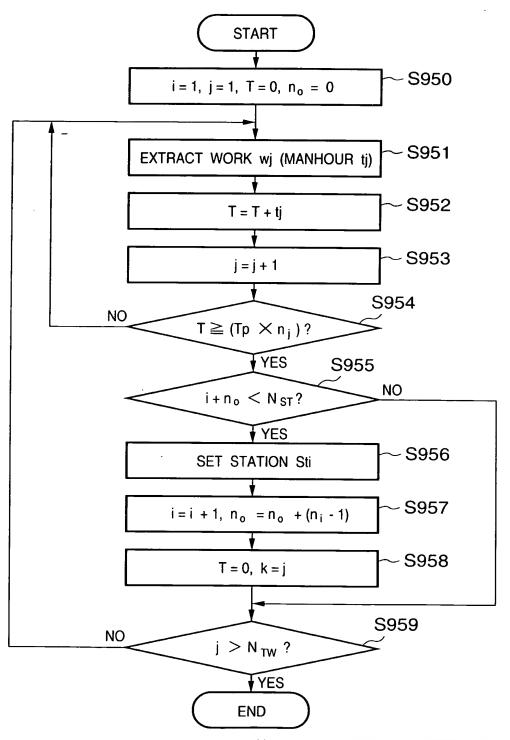








95/97

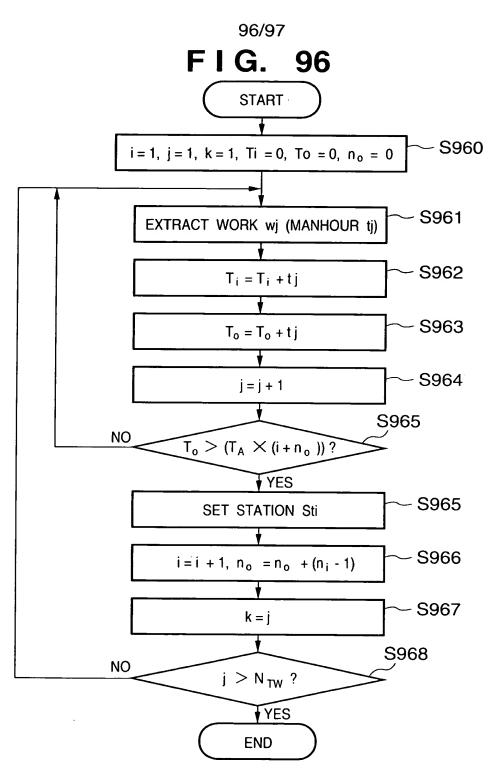


N<sub>ST</sub>: THE NUMBER OF STATIONS

n; : i STATION PARALLEL NUMBER

 $n_{\,o}$  : TOTAL ACCUMULATED PARALLEL SUM NUMBER





N<sub>ST</sub>: THE NUMBER OF STATIONS

Ti: i STATION MANHOUR

TA: STATION MANHOUR AVERAGE VALUE

 $T_A = WF/N_{ST}$ 

To: TOTAL ACCUMULATED MANHOUR n: : i STATION PARALLEL NUMBER no: TOTAL ACCUMULATED PARALLEL

SUM NUMBER

FIG. 97

